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## IN THE CLAIMS

What is claimed is:

1. (ORIGINAL) A compound of the following Formula 1:

$$\begin{array}{c|c}
R_{10} & R_{11} \\
R_{10} & B \\
R_{13} & R_{14}
\end{array}$$

$$\begin{array}{c|c}
R_{11} & OH \\
R_{13} & R_{14}
\end{array}$$

wherein

 $R_A$  is a  $C_2$  to  $C_{30}$  saturated or unsaturated hydrocarbon chain;

R<sub>10</sub>, R<sub>11</sub>, R<sub>13</sub>, R<sub>14</sub> and R<sub>3</sub> each independently represent H, OH, a C<sub>1-6</sub> ether, or a saturated or unsaturated hydrocarbon chain which may be substituted with one or more of nitro, halogen, amino, hydroxyl, ketone or aldehyde group;

optionally there is a double bond between C<sub>2</sub> and C<sub>3</sub> of the C ring;

n represents 0 or 1; and

 $R_B$  is a  $C_2$  to  $C_{15}$  saturated or unsaturated hydrocarbon chain, and where  $R_B$  is present,  $R_A$  and  $R_B$  are both  $C_2$  to  $C_{12}$  aliphatic alkyl chains.

- 2. (CURRENTLY AMENDED) The compound of claim 1, as claimed in Claim 1 wherein at least one of  $R_{10}$ ,  $R_{11}$  and  $R_{13}$  represents OH.
- 3. (CURRENTLY AMENDED) The compound of claim 2, as claimed in Claim 2 wherein R<sub>10</sub> and/or R<sub>11</sub> represents OH.

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- 4. (CURRENTLY AMENDED) The compound of claim 1, as claimed in any one of Claims 1 to 3 wherein R<sub>3</sub>, R<sub>11</sub> and R<sub>13</sub> all represent OH.
- 5. (CURRENTLY AMENDED) The compound of claim 1, as claimed in any one of Claims 1 to 3 wherein R<sub>3</sub>, R<sub>10</sub> and R<sub>13</sub> all represent OH.
- 6. (CURRENTLY AMENDED) The compound of claim 1, as claimed in any one of Claims 1 to 5 wherein there is a double bond between C<sub>2</sub> and C<sub>3</sub> of the C ring.
- 7. (CURRENTLY AMENDED) The compound of claim 1, wherein as claimed in any one of Claims 1 to 6 where the backbone of R<sub>A</sub> has eight, nine or ten carbon atoms.
- 8. (CURRENTLY AMENDED) The compound of claim 1, wherein as claimed in any one of Claims 1 to 7 where R<sub>A</sub> is attached to position 7 of the A ring of the flavonoid group.
- 9. (CURRENTLY AMENDED) The compound of claim 1, as claimed in any one of Claims 1 to 8 wherein R<sub>A</sub> has the following structure:

$$H_3C$$
 $CH_3$ 
 $CH_3$ 
 $CH_2$ 
 $CH_2$ 

wherein

n is an integer from 1 to 7; and m is an integer from 1 to 7.

10. (CURRENTLY AMENDED) The compound of claim 1, as claimed in any one of Claims 1 to 8 wherein R<sub>A</sub> has the following structure:

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$$CH_3$$
  $CH_3$   $CH_3$   $CH_2$ 

11. (CURRENTLY AMENDED) The compound of claim 1, as claimed in any one of Claims 1 to 8 wherein R<sub>A</sub> has the following structure:

wherein n is an integer from 2 to 27.

12. (CURRENTLY AMENDED) The compound of claim 1, as elaimed in any one of

$$H_3C$$
  $CH_2-$ 

Claims 1 to 8 wherein R<sub>A</sub> has the following structure:

wherein

x is an integer from 1 to 25;

y is an integer from 1 to 25;

and wherein x + y = 25 or less.

13. (CURRENTLY AMENDED) The compound of claim 1, as claimed in any one of

$$H_3C$$
 $CH_3$ 
 $CH_2$ 
 $CH_2$ 

Claims 1 to 12 wherein  $R_A$  has the following structure: wherein

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n is an integer from 1 to 7; and

m is an integer from 1 to 7.

14. (CURRENTLY AMENDED) The compound of claim 1, as claimed in any one of Claims 1 to 13 wherein the flavonoid group has one of the following structures:

15. (CURRENTLY AMENDED) The compound of claim 1 as elaimed in any one of Claims 1 to 14 having one of the following structures:

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- 16. (CURRENTLY AMENDED) A composition comprising a compound of <u>claim 1</u> as <u>claimed in any one of Claims 1 to 15</u> and at least one pharmaceutical excipient or carrier.
- 17. (CURRENTLY AMENDED) The composition of claim 16 as claimed in Claim 16 which is a sunscreen.
- 18. (ORIGINAL) A method of preventing UV damage to the skin of a mammalian animal, said method comprising administering a therapeutically effective amount of the composition of Claim 17 to said skin prior to UV exposure.

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- 19. (ORIGINAL) The method as claimed in Claim 18 wherein said mammalian animal is a human.
- 20. (CURRENTLY AMENDED) The method of claim 18, as elaimed in either one of Claims 18 and 19 wherein said composition is applied topically to said skin.
- 21. (CURRENTLY AMENDED) The composition of claim 16 as claimed in Claim 16 which is a skincare composition.
- 22. (CURRENTLY AMENDED) The composition of claim 21, wherein said composition as claimed in Claim 21 further comprises containing emollients and moisturisers.
- 23. (CANCEL)
- 24. (CURRENTLY AMENDED) A foodstuff stabiliser composition comprising a compound of claim 1 as claimed in any one of Claims 1 to 15.
- 25. (CURRENTLY AMENDED) The composition of claim 24, wherein said composition is as claimed in Claim 24 in the form of an emulsion having a low fat:high water content.
- 26. (CURRENTLY AMENDED) A method of treating a patient having a disease or disorder involving oxidative damage, said method comprising selecting a patient in need thereof, and the step of administering a therapeutically effective amount of the composition of Claim 16 to said patient.
- 27. (CURRENTLY AMENDED) The method of claim 26, as claimed in Claim 26 wherein said patient is a human.

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- 28. (CURRENTLY AMENDED) The method of claim 26, as claimed in either one of Claims 26 and 27 wherein the disease or disorder involving oxidative damage is selected from the group consisting of cancer, heart disease, neurological disorders, auto-immune disorders, ischaemia-reperfusion injury, diabetic complications, septic shock, hepatitis, atherosclerosis and complications arising from HIV or Hepatitis B.
- 29. (CURRENTLY AMENDED) The method of claim 28, as claimed in Claim 28 wherein the disease or disorder is an ischaemia-reperfusion injury or Alzheimer's disease.
- 30. (CURRENTLY AMENDED) A prophylactic method of treatment to prevent or reduce the severity of a disease or disorder involving oxidative damage in the tissues of a patient, said method comprising selecting a patent in need thereof, and the step of administering a therapeutically effective amount of the composition of Claim 16 to said patient.
- 31. (CURRENTLY AMENDED) The method of claim 30, as elaimed in Claim 30 wherein said patient is a human.
- 32. (CURRENTLY AMENDED) The method of claim 30, as claimed is either one of Claims 30 and 31 wherein the disease or disorder involving oxidative damage is selected from the group consisting of cancer, heart disease, neurological disorders, auto-immune disorders, ischaemia-reperfusion injury, diabetic complications, septic shock, hepatitis, atherosclerosis and complications arising from HIV or Hepatitis B.

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- 33. (CURRENTLY AMENDED) The method of claim 32, as claimed in Claim 32 wherein the disease or disorder is an ischaemia-reperfusion injury or Alzheimer's disease.
- 34. (CANCEL)
- 35. (CANCEL)
- 36. (CURRENTLY AMENDED) A method of manufacturing a compound of Formula 1 as claimed in claim 1 in any one of Claims 1 to 15, said method comprising providing an intermediate compound A and an intermediate compound B, wherein intermediate compound A has the structure R<sub>A</sub>M wherein M is a metal or metalloid group where the metal is directly attached to R<sub>A</sub>, and R<sub>A</sub> is a C<sub>2</sub> to C<sub>30</sub> saturated or unsaturated alkyl chain, and R<sub>A</sub>M is capable of participating in transition metal catalysed cross-coupling reactions; and intermediate compound B has the following structure: wherein

$$R_{10}$$
 $R_{10}$ 
 $R_{12}$ 
 $R_{12}$ 
 $R_{13}$ 
 $R_{14}$ 
 $R_{13}$ 

R<sub>12</sub> represents OH or an O-protecting group

 $R_3$ ,  $R_{10}$ ,  $R_{11}$ ,  $R_{13}$ , and  $R_{14}$  each independently represent H, OH,  $C_1$  to  $C_4$  aliphatic alkyl group or an O-protecting group where required, and optionally there is a double bond between  $C_2$  and  $C_3$  of the C ring; X is a halogen, O-trifluoromethane sulphonate or any other group used in cross-coupling reactions; and

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m = 1 or 2,

and reacting intermediate compound A with intermediate compound B by transition metal catalysed cross-coupling reactions and subsequently deprotecting at least one OH group.

- 37. (CURRENTLY AMENDED) The A method of claim 36, as claimed in Claim 36 wherein R<sub>A</sub>M is selected from the group consisting of an organomagnesium, organozinc, organoboron and an organotin compound.
- 38. (CURRENTLY AMENDED) The method of claim 36, as claimed in either one of Claims 36 and 37 wherein the catalyst is a palladium, nickel or iron complex.
- 39. (CURRENTLY AMENDED) A method of manufacturing a compound of Formula 1 as claimed in claim 1, any one of Claims 1 to 15, said method comprising providing an intermediate Compound C and an intermediate Compound D, wherein said intermediate Compound C has the structure R<sub>A</sub>CHCHR wherein R<sub>A</sub> is as defined in Formula 1, and wherein intermediate Compound D has a structure:

40. (CURRENTLY AMENDED) The method of claim 39, as claimed in Claim 39 wherein the catalyst is:

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41. (CURRENTLY AMENDED) A method of manufacturing a compound of Formula 1 as claimed claim 1, in any one of Claims 1 to 15, said method comprising providing an intermediate Compound E of formula:

and constructing a flavonol core on said intermediate Compound E.

- 42. (CURRENTLY AMENDED) The method of claim 41, as elaimed in Claim
  41 wherein said flavonol core is formed by Algar-Flynn-Oyamada
  (AFO) oxidation.
- 43. (CURRENTLY AMENDED) The method of claim 41, as elaimed in Claim
  41 wherein said flavanol core is formed by Baker-Verkataraman
  rearrangement.
- 44. (CURRENTLY AMENDED) The method of claim 41, as claimed in any one of Claims 40 to 43 wherein said intermediate Compound E is formed by a transition metal catalysed cross-coupling reaction.

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45. (CURRENTLY AMENDED) The method of claim 41, as claimed in any one of Claims 40 to 43 wherein said intermediate Compound E is formed by alkene cross-metathesis.